

1. The name of 101<sup>th</sup> element is ..... ( )

A) borolinium      B) lanthanivium  
C) mendelivium      D) scandinavium

2. Which of the following element belongs to 3 period and also a 17 (VIIA) group ? ( )

A) Fluorine      B) Bromine      C) Oxygen      D) Chlorine

3. Which of the following element belongs to the 4 period and IV B group ? ( )

A) Titanium      B) Beryllium  
C) Tungsten      D) Niobium

4. Electron affinity values of halogens are measured in ( )

A) KJ/mol<sup>-2</sup>      B) KJ mol  
C) KJmol<sup>-1</sup>      D) KJ mol<sup>-1</sup>

5. Which of the following elements are generally semi-conductors ? ( )

A) Si      B) Ge  
C) B      D) all

6. Which group elements are called halogen family ? ( )

A) 17(VIIA)      B) 18(VIIIA)  
C) 15(VA)      D) 16(VIA)

7. In modern periodic table each period ends with ( )

A) Non-metals      B) Noble gases  
C) Metals      D) Metalloids

8. Who noted that there were groups of elements with three elements known as triads in each group ? ( )

A) Dobereiner  
B) Moseley  
C) Mendeleeff  
D) Joseph Louis froust

9. Which of the following element family belongs to 16 (VIA) Group ? ( )

A) Carbon family      B) Oxygen family  
C) Boron family      D) Nitrogen family

10. Which block elements are called inner transition elements ? ( )

A) p-block      B) d-block  
C) f-block      D) s-block

11. Which group elements are called Boron family ? ( )

A) 13(III A)      B) 14(IV A)  
C) 2(II A)      D) 1(I A)

12. Which of the following group elements are called alkali metal family ? ( )

A) (I A)      B) (VI A)  
C) (VII A)      D) (VIII A)

13. Which block elements are called transition elements ? ( )

A) p - block      B) d - block  
C) f - block      D) s - block

14. According to which of the following characteristic of an element the modern periodic table is proposed ? ( )

A) Atomic number      B) Valency  
C) Symbol      D) Atomic weight

15. Which of the following property is measured in 'pm' (pico meter) units ? ( )

A) Electron affinity      B) Ionisation energy  
C) Atomic radius      D) Electronegativity

16. Which of the following group elements are nitrogen family ? ( )

A) 14 (IV A)      B) 15 (V A)  
C) 16 (VI A)      D) 1 (I A)